

A METHOD OF PROVIDING MODULATED ILLUMINATION OF A ROAD, AND A VEHICLE HEADLIGHT FOR PERFORMING THE SAID METHOD

ABSTRACT OF THE DISCLOSURE

- 5 The invention relates to a method of lighting a road with a vehicle headlight, in which the projected light is modulated in response to the presence of any persons on the road. The method comprises the following operations:
- detecting in the road scene at least one person,
 - 10 - pinpointing the location of the person in the road scene,
 - creating on an imager a mask having dimensions and position corresponding to the person, and
 - lighting the road through the imager, to create a projected shadow around the person.
- 15 The invention also provides a headlight for performing this method and having a first light source, an imager, a light guide for carrying the light from the light source towards the imager, and an electronic system for generating light-occluding masks on the imager.